

---

 Author Index (Parts A and B)
 

---

- Anfossi, D. 55, 329  
 Asai, K. 55, 209  
 Awranik, S.M. 56, 379  
  
 Bacci, P. 55, 329  
 Baer, D.F. 56, 247  
 Banin, A. 55, 27  
 Battaglia, B. 56, 339  
 Billingsley, F.C. 55, 41  
 Bishop, R.C. 56, 99  
 Bressan, G. 55, 229  
 Brouwer, F.M. 55, 285  
 Brown Jr., G. 56, 89  
 Businaro, U.L. 56, 347  
  
 Campbell, W.J. 56, 31  
 Carlson, R.M. 56, 287  
 Cecchi, F. 56, 183  
 Cescon, P. 56, 183  
 Chartsias, B. 55, 275  
 Christensen, E.J. 56, 265  
 Colombo, A. 55, 275  
  
 D'Olivo, M. 55, 383  
 Davos, C.A. 56, 309  
 De Campo, P.M. 55, 383  
 Degobbis, D. 56, 201  
 Devirian, M. 56, 45  
  
 Estes, J.E. 56, 287  
  
 Flick, R.E. 55, 251  
 Foresman, T.W. 56, 255  
 Fulbright, T.E. 55, 91  
  
 Gerelli, E. 56, 297  
 Gilmartin, M. 56, 201  
 Greigor Jr., D.H. 55, 187  
 Gwynne, M.D. 56, 19  
  
 Hafkamp, W.A. 55, 285  
 Haiman, A. 56, 317  
 Hatzichristidis, D. 55, 275  
 Haynes, J.M. 55, 365  
 Heberlein, T.A. 56, 99  
 Hochman, E. 55, 111  
 Houki, A. 55, 209  
 Howe, C.W. 55, 3  
 Hudgins, L.L. 56, 121  
 Huq, S. 55, 165  
  
 Imhoff, M.L. 56, 277  
  
 Jensen, J.R. 56, 265  
 Joyce, R.M. 56, 221  
 Juracic, M. 55, 243  
  
 Kay, S.H. 56, 173  
 Kneese, A.V. 56, 155  
  
 Lam, K.C. 55, 147  
 Laurmann, J.A. 55, 177  
 Leyendecker, W. 55, 275  
 Lichtenberg, E. 56, 111  
 Lick, W. 55, 219  
 Lopez Baluja, L. 56, 379  
  
 Margulis, L. 56, 379  
 Marin, A. 56, 77  
 Marquenie, J.M. 56, 173  
 Martin, J.P. 55, 351  
 Menegazzo Vitturi, L. 55, 243  
 Merlo, M. 56, 139  
 Morey, E.R. 55, 101  
 Murphy, P.E. 55, 387  
  
 Natale, P. 55, 329  
 Nguyen, V.D. 55, 311  
 Nijkamp, P. 55, 285  
 Norwine, J.R. 55, 91, 187  
 Nürnberg, H.W. 55, 311  
  
 Orio, A.A. 56, 201  
  
 Pécsi, M. 55, 157  
 Pillai, M.K.K. 55, 321  
 Polcyn, F. 56, 277  
 Potter, T.D. 55, 197  
 Price, R. 56, 31  
  
 Rabitti, S. 55, 243  
 Rampazzo, G. 55, 243  
 Randall, A. 56, 69  
 Rappole, J.H. 55, 91  
 Rhett, R.G. 56, 173  
 Roelofs, L. 56, 31  
 Runge, C.F. 55, 121  
 Running, S.W. 56, 233  
 Russell, C.E. 55, 91  
  
 Safiullah, S. 55, 165  
 Sagan, D. 56, 379  
 Scepan, J. 56, 287  
 Schwartz, G.G. 55, 59  
 Scimemi, G. 56, 361  
 Senesi, N. 55, 351  
 Shapira, H. 56, 401  
 Shechter, M. 56, 317  
 Sherwin, M.R. 56, 221  
 Sieber, A.J. 56, 243  
 Sienkiewicz, J. 55, 339  
 Simmers, J.W. 56, 173  
 Smith, P.H. 56, 31  
 Smodlaka, N. 56, 211  
 Southgate, D.D. 55, 121  
 Sposito, G. 55, 351  
 Stefinlongo, G.B. 55, 375  
 Story, M. 56, 277

Teruggi, S. 55, 261  
Traverso, P.G. 56, 183  
Tuyahov, A.J. 56, 3

Unninayar, S. 56, 55  
Urena, J. 56, 45

Valenta, P. 55, 311  
Van Ierland, E.C. 56, 301

Van Vleet, E.S. 56, 221  
Vendegna, V. 55, 261  
Vermillion, C.H. 56, 277  
Viarengo, S. 55, 329  
Vujanac-Borovnica, S. 56, 325

Warford, J.J. 55, 129  
Watanabe, T. 55, 209

Zilberman, D. 55/56, 111

# Subject Index (Parts A and B)

---

- Acid deposition, meteorology
  - 55, 329
- Analysis of remotely sensed data
  - 55, 41
- Athens Lead Experiment 55, 275
- Benefit-cost analysis, of
  - environmental programs 56, 69
- Biogeochemical cycles 55, 243
- Bioindicators, of heavy metals
  - pollution 55, 339
- Biomap, biological mapping of
  - entire land surface of the earth from space 56, 247
- Chinese special economic zones,
  - development 55, 147
- Climate System Monitoring 56, 55
- Climate, The World Climate Programme 55, 197
- Conservation of ancient
  - monuments 55, 365
- Contaminant mobility, from dredging operations 56, 173
- Contingent valuation, validity
  - 56, 99
- Desertification, economic factors 55, 101
- Desertification, of semi-arid zones 55, 91
- Development and environment
  - 56, 325
- Earth Observing System, scientific problems 56, 3
- Economic principles, preserving
  - biological resources 56, 89
- Economics, energy and the
  - environment, scenario study 56, 301
- Energy and resource depletion,
  - and entropic degradation 56, 297
- Environmental economics 56, 155
- Environmental management 56, 309
- Environmental problems, identification and assessment
  - 56, 339
- Environmental studies, in less-developed countries 55, 165
- Eutrophication, main causes
  - 56, 201
- Eutrophication, modelling of
  - prediction of and recovery 55, 261
- Eutrophication, relationship to
  - primary production and nutrient availability 56, 211
- Eutrophication, the rôle of
  - phosphates 55, 229
- Fine-grained sediments, transport 55, 219
- Flood control, use of space-borne radar 56, 277
- Forests, space-borne remote sensing of 56, 243

- Frontier environments, conditions for successful development 55, 111
- Global Environment Monitoring System 56, 19
- Greenhouse gases, climatic consequences 55, 177
- Hazardous waste management 56, 255
- Heavy metals transport, rôle of suspended matter and bottom sediments 55, 243
- Heavy metals, pollution from industry 55, 339
- Heavy metals, wet deposition 55, 311
- High sea levels, conditions associated with 55, 251
- Hydrocarbon content of sediments 56, 221
- Industrial wastes, site selection 56, 265
- Lake management, modelling prediction and recovery of lake eutrophication 55, 261
- Land use, factors affecting 56, 139
- Land-use practices, and desertification 55, 91
- Landscape conservation 55, 387
- Lead, fraction of blood-lead due to gasoline-lead 55, 275
- Less-developed countries, environmental development 55, 165
- Marine resource exploitation, tuna 56, 121
- Microbial mats, indicators of long-term stability and change 56, 379
- Model of society's total environment 55, 157
- Modeling environmental and resource planning techniques 55, 285
- Municipal wastewater, recycling of 56, 317
- Natural resource availability 55, 3
- Natural resource degradation 55, 129
- Natural resource management, economic models 55, 121
- Net primary production of terrestrial vegetation 56, 233
- Nitrous oxide, emission from soils 55, 27
- Nitrous oxide, increasing atmospheric concentration 55, 27
- Nuclear plants, management 55, 59
- Numerical water quality estimation for organic river pollution 55, 209
- Oil pollution detection, remote sensing 56, 287

- Organic river pollution, water  
quality estimation 55,  
209
- Organochlorine pesticides,  
residues 55, 321
- Pesticide contamination of  
groundwater 56, 111
- Phosphates, rôle in eutrop-  
hication 55, 229
- Pilot Data Systems 56, 45
- Pilot Land Data System 56,  
31
- Recycling of municipal waste-  
water 56, 317
- Remote sensing, for global  
studies of terrestrial  
vegetation 55, 187
- Remotely sensed data, analysis  
55, 41
- Risk assessment, uncertainty  
56, 111
- Risk reduction, willingness to  
pay 56, 77
- Sediments, hydrocarbon content  
56, 221
- Shuttle Imaging Radar Program,  
for flood control 56, 277
- Soil humic acids, complexation  
55, 351
- Solid waste management 56,  
183
- Technological opportunities  
56, 347
- Wet deposition of acid and heavy  
metals 55, 311



